

Table 13.16
Myeloid Leukemia

5-Year Relative and Period Survival (Percent) by Race, Sex, Diagnosis Year and Age

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>Acute Myeloid Leukemia</u>									
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1975-1977 ^a	6.2	5.5	7.0	5.8	5.4	6.2	10.1	8.2	11.7
...									
1984-1986 ^a	10.6	9.2	12.3	10.2	8.9	11.8	9.8	6.7	12.9
1987-1989 ^a	11.4	9.1	14.1	11.3	9.6	13.2	9.2	4.4	15.7 ^e
1990-1992 ^a	13.7	12.6	15.1	13.4	12.2	14.9	13.5	12.9	13.9
1993-1995 ^a	16.2	14.9	17.5	15.4	14.2	16.8	21.5	20.6 ^e	22.0
1996-1998 ^a	16.9	16.0	18.2	15.6	14.4	17.1	22.1	25.2	18.2
1999-2001 ^a	19.2	18.7	19.7	18.7	17.6	19.9	19.3	24.8	14.2
2002-2004 ^a	23.3	20.8	26.3	23.1	20.7	26.0	25.0	26.5	23.2
2005-2011 ^a	26.0 ^d	25.3 ^d	26.7 ^d	25.3 ^d	24.4 ^d	26.4 ^d	26.9 ^d	26.3 ^d	27.6 ^d
5-Year Period Survival (Percent) ^{bc}									
2011	27.0	25.7	28.4	26.2	24.9	27.8	31.3	31.1	31.4
5-Year Relative Survival (Percent), 2005-2011 ^b									
Age at Diagnosis:									
Ages <45	56.6	55.0	58.3	57.7	55.9	59.7	49.1	47.9	50.3
Ages 45-54	40.0	38.1	42.2	40.6	38.3	43.3	40.9	37.3 ^e	44.1
Ages 55-64	29.0	28.0	30.4	29.6	28.3	31.5	21.1	20.4	22.1
Ages 65-74	11.5	9.9	13.5	11.6	9.9	13.8	9.8	6.6	12.7
Ages 75+	1.8	1.6	2.0	1.9	1.8	1.9	1.4	-	1.8
Ages <65	44.0	41.9	46.5	44.4	42.0	47.3	40.3	38.0	42.5
Ages 65+	5.8	5.3	6.2	5.8	5.4	6.1	5.4	4.3	6.2
<u>Chronic Myeloid Leukemia</u>									
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1975-1977 ^a	21.6	19.3	24.7	20.4	18.4	23.0	27.7 ^e	21.6 ^e	35.5 ^e
...									
1984-1986 ^a	22.4	20.2	25.6	22.9	20.2	26.8	21.4	20.3 ^e	22.2 ^e
1987-1989 ^a	30.2	30.5	29.8	30.1	30.8	29.1	33.3 ^e	28.1 ^e	41.3 ^e
1990-1992 ^a	30.7	29.6	32.1	30.3	30.0	30.6	34.9 ^e	25.5 ^e	44.9 ^e
1993-1995 ^a	35.3	35.0	35.7	35.0	35.0	35.0	35.6 ^e	32.8 ^e	40.2 ^e
1996-1998 ^a	37.0	37.8	36.0	37.8	37.5	38.1	31.0	30.4 ^e	31.4 ^e
1999-2001 ^a	47.1	45.5	49.2	45.8	44.0	48.2	48.1 ^e	48.1 ^e	48.1 ^e
2002-2004 ^a	53.7	52.1	55.9	51.9	50.5	53.6	62.0 ^e	60.2 ^e	64.0 ^e
2005-2011 ^a	63.2 ^d	63.8 ^d	62.4 ^d	62.2 ^d	62.8 ^d	61.5 ^d	62.3 ^d	64.9 ^{de}	57.9 ^e
5-Year Period Survival (Percent) ^{bc}									
2011	64.2	63.6	64.9	63.1	62.7	63.8	66.6	67.8	65.6
5-Year Relative Survival (Percent), 2005-2011 ^b									
Age at Diagnosis:									
Ages <45	87.3	86.7	88.3	88.8	87.9	90.3	74.9	75.7	73.6 ^e
Ages 45-54	83.0	81.7	85.0	83.4	83.5	83.1	79.1	71.6 ^e	87.6 ^e
Ages 55-64	71.9	69.6	75.4	71.6	69.3	75.5	68.6	66.1 ^e	70.9 ^e
Ages 65-74	52.6	50.3	56.1	52.1	49.6	55.7	56.3 ^e	59.0 ^e	53.9 ^f
Ages 75+	26.5	26.2	26.8	26.6	25.9	27.3	17.4 ^e	14.0 ^e	19.6 ^e
Ages <65	81.3	79.9	83.4	81.7	80.5	83.7	74.2	72.0	76.5
Ages 65+	37.8	37.5	38.2	37.5	36.9	38.3	36.2 ^e	39.3 ^e	34.0 ^e

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2012.

^b SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Based on follow-up of patients into 2012.

^c Period survival provides a 2011 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2009-2011: 0-1 year survival), (2008-2010: 1-2 year survival), (2007-2009: 2-3 year survival), (2006-2008: 3-4 year survival), (2005-2007: 4-5 years survival). The difference between 1975-1977 and 2005-2011 is statistically significant (p<.05).

^d The standard error is between 5 and 10 percentage points.

^e The standard error is greater than 10 percentage points.

^f - Statistic could not be calculated due to fewer than 25 cases during the time period.